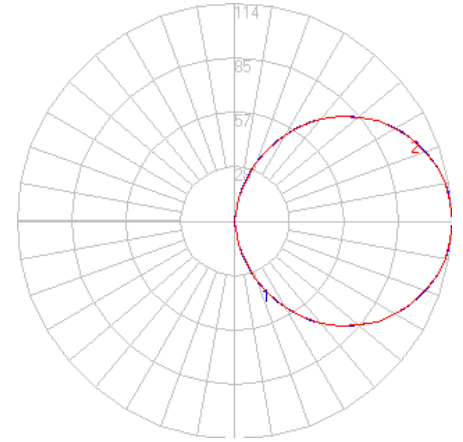


BEGA

Photometric Filename: 33166.ies

TEST: 33166
 TEST LAB: BEGA
 DATE: 9/7/2015
 LUMINAIRE: 33 166
 LAMP: 3.8W LED

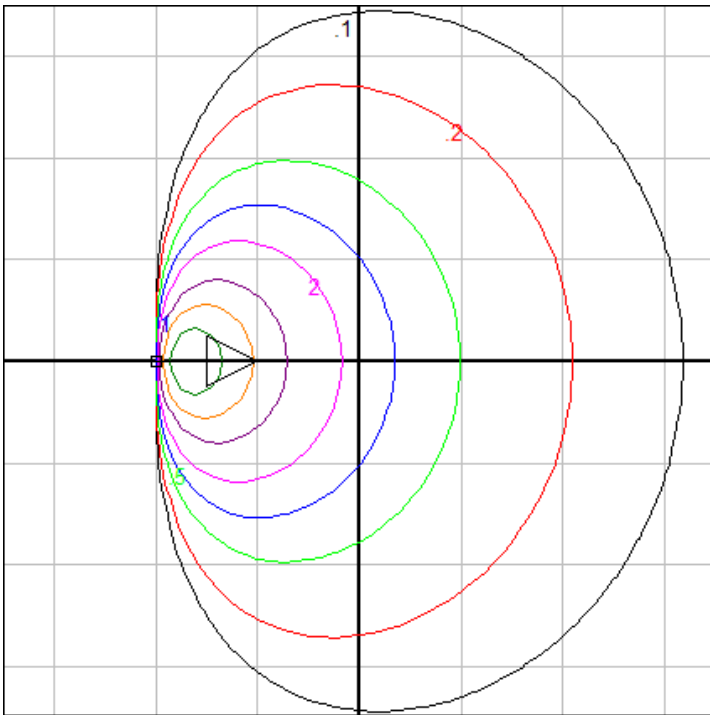


Characteristics

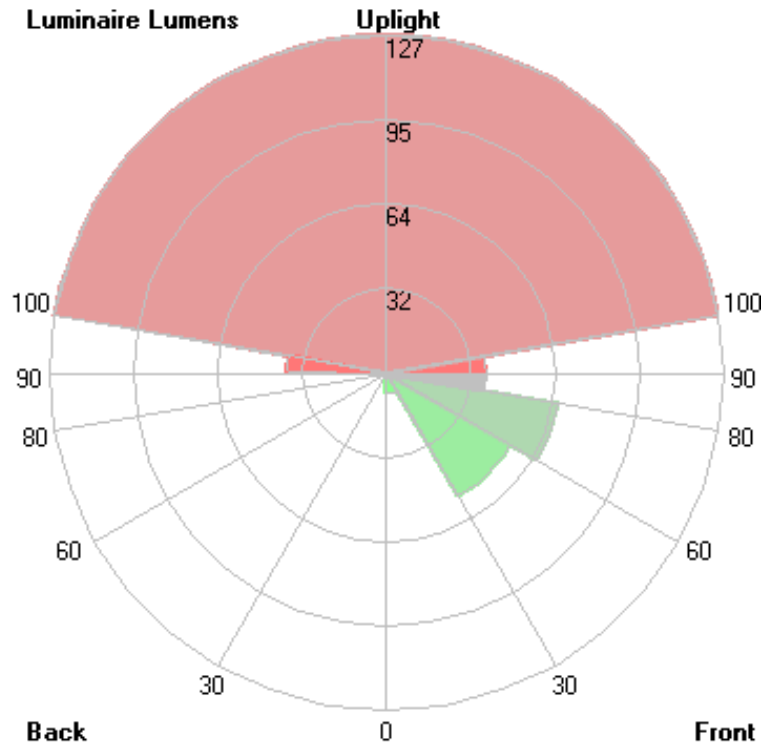
IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	329
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	55
Total Luminaire Watts	6
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	113.6 (0H, 90V)
Max. Cd. (<90 Vert.)	113.4 (0H, 87.5V)
Max. Cd. (At 90 Deg. Vert.)	113.6 (34.5%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	113.4 (34.5%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	7.6	N.A.	2.3
FM (30-60)	53.8	N.A.	16.4
FH (60-80)	65.6	N.A.	20.0
FVH(80-90)	37.4	N.A.	11.4
BL (0-30)	0.0	N.A.	0.0
BM (30-60)	0.0	N.A.	0.0
BH (60-80)	0.0	N.A.	0.0
BVH(80-90)	0.0	N.A.	0.0
UL (90-100)	37.4	N.A.	11.4
UH (100-180)	127.0	N.A.	38.6
Total	328.8	N.A.	100.0
BUG Rating	B0-U3-G1		



Mounting Height = 1 ft. Grid Spacing = 2 ft.

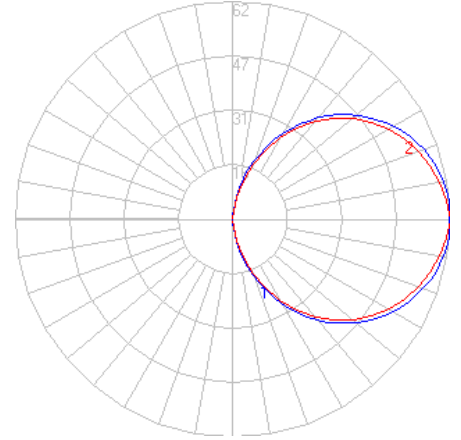


In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

BEGA

Photometric Filename: 33166AMB.ies

TEST: L081911603
 TEST LAB: LIGHT LABORATORY, INC.
 DATE: 8/21/2019
 LUMINAIRE: 33 166 Amber
 LAMP: 4.2W LED



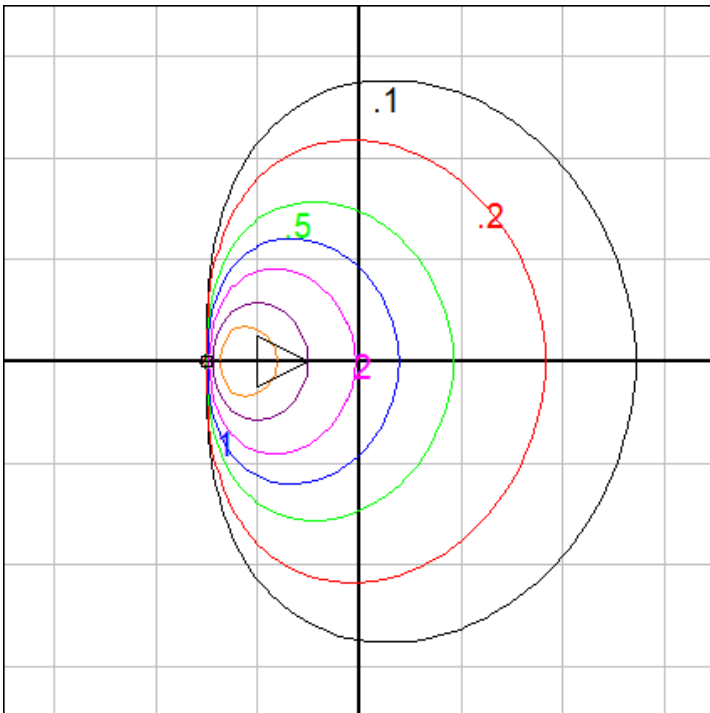
Characteristics

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	178
Downward Total Efficiency	N.A.
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	32
Total Luminaire Watts	5.56
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Max. Cd.	62.242 (0H, 95V)
Max. Cd. (<90 Vert.)	62.137 (0H, 85V)
Max. Cd. (At 90 Deg. Vert.)	61.78 (34.7%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	62.137 (34.9%Lum)
Cutoff Classification (deprecated)	N.A. (absolute)

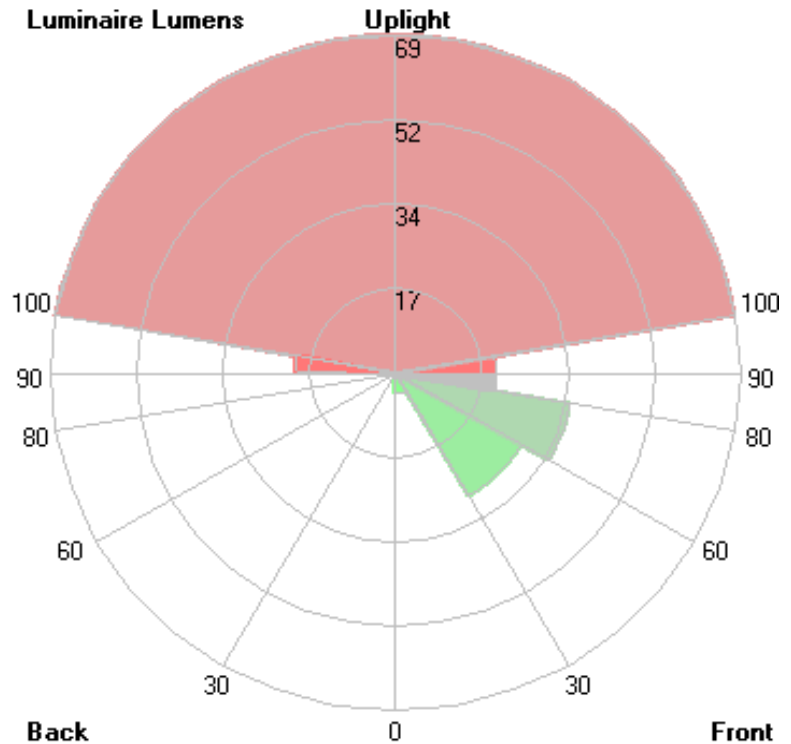
Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	4.2	N.A.	2.4
FM (30-60)	29.1	N.A.	16.4
FH (60-80)	35.3	N.A.	19.9
FVH(80-90)	20.0	N.A.	11.3
BL (0-30)	< 0.05	N.A.	0.0
BM (30-60)	0.0	N.A.	0.0
BH (60-80)	0.0	N.A.	0.0
BVH(80-90)	0.0	N.A.	0.0
UL (90-100)	20.0	N.A.	11.3
UH (100-180)	68.9	N.A.	38.8
Total	177.5	N.A.	100.0

BUG Rating B0-U3-G1



Mounting Height = 1 ft. Grid Spacing = 2 ft.



In the interest of product improvement, BEGA reserves the right to make technical changes without notice.